

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

RECORD OF WELL

P570

Labeled 8-8-11	
70°	15-80
Water Point 15' just	
15X-4.35	10.3E

Locate well on plat of section.

- Location: State N.Y. State County Putnam
Nearest P. O. _____ Direction from P. O. _____
Distance from P. O. _____ miles; _____ $\frac{1}{4}$ sec. _____ T. _____ R. _____
If in city, give street and number Town of Putnam Valley
RFD 1 Lake Shore Rd East
- Owner: Mr. Moe Steiner Address Putnam Valley
Driller: P. F. Beal & Sons Address Brewster, N.Y.
Man on rig: Vassak
- Situation: Is well on upland, in valley, or on hillside? valley, near lake
- Elevation of top of well: 790 ft. above the level of sea
(Above or below) _____ (Sea, depot, lake, or stream)
- Type of well: dug ; kind of drilling rig used st
(Dug, driven, bored, or drilled) _____ (Solid tool, jetting, rotary, etc.)
- Depth of well: 50 ft.; year in which well was finished 1947 summer Sept. 13 1947
Does well enter rock? yes ; if so, at what depth? 3'-4" ft.; kind of rock granite gneiss
Packard Breccia & Brecciated Gneiss
- Diameter: At top 6 inches; at bottom 6 inches.
- Principal water bed: granite gneiss 12 GPM at 30 ft.
(Gravel, sand, clay, or rock. If rock, state kind)
Depth to principal water bed 30 ft.; thickness of bed _____ ft.
- If other water supplies were found, give depth to each _____
- Casings: Kind steel ; size 6 ; length 6 ft.; between depths of 0 and 6 ft.
Kind _____ ; size _____ ; length _____ ft.; between depths of _____ and _____ ft.
Kind _____ ; size _____ ; length _____ ft.; between depths of _____ and _____ ft.
- Packers (if any): Depth at which packers were used none ; kind _____
- Screen or Strainer: Was well finished with screen? no ; kind of screen _____ ;
length of screen _____ ft.; diameter _____ inches; size of openings _____
- Head: Does well at present overflow without pumping? _____ ; did it overflow when new? _____ ;
if flowing, give pressure _____ lb. per sq. inch; or height water will rise in a pipe _____ ft. above surface;
original pressure or head _____ ; if not flowing, give water level in well 11 ft. below surface.
- Pump: Is the well pumped? yes ; kind of pump Myers-Ejector ;
size or capacity of pump _____ kind of power electric
- Yield: Natural flow at present (if any) _____ gallons per minute; original flow _____ gallons per minute;
well has been pumped at 12 gallons per minute continuously for 4-5 hours;
quantity of water ordinarily obtained from well < 100 gallons per day.
- Use: For what purpose is the water used? Dom - 1 family - 2 people
- Quality of the water: see analysis ; is there an analysis? yes
(Hard or soft, fresh or salty, etc.)
- Cost of well, not including pump: _____ Temperature of water _____ ° F.

Name of person filling blank W. G. S. from Mrs. Steiner &

Date 8-1-50

Address U.S.G.S. at Albany. Beal's records

Diller's LOG OF WELL (from survey)

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS (Especially information as to water found)
	From—	To—		
Soil	0	4"	4 inches	
Reddish Porphyritic & Dioritic Granite gneiss	1/2	50	49 1/2	
Bailed at 16 GPM for 4 hours with less than 40 feet of drawdown.				
Bedrock outcrops on property				
" is granite gneiss				
" outcrops all along road.				
Permit Analysis: 8-9-48 - drl well (records from Beal).				
			10-31-47	
Total hardness	54	✓	48	✓
Sod. salts	15		34	
Total solids	69	✓	82	✓
Fe	0.5	✓	.7	✓
Mn	0.2	✓	.7	✓
pH	6.2	✓	6.5	✓
Total comp. hardness	3.32		3.2	
Objectable = hardness & low pH		O.C. --	Fe, Mn, & hardness.	
Characteristics little flocc. iron settles.			little flocculent iron.	